

Bacillus-Cereus-Agar (PEMBA)

Abbreviazione: PEMBA
Numero articolo: 40-1245
Scheda: Petri dish, 90mm
Colore: Yellowish, evenly cloudy
Condizioni di stoccaggio prodotti: Dry, closed at 4-10 ° C
Data di scadenza: 3 Months
Valore pH: 7.2 ± 0.2 at 25°C



Destinazione e applicazione

Selective nutrient medium for isolation, identification and bacterial count of Bacillus Cereus in food.

Composizione tipica

in g per 1l Medium

Peptone (in g)	1
Mannitol (in g)	10
Sodium pyruvate (in g)	10
Sodium chloride (in g)	2
Disodium hydrogen phosphate(in g)	2.5
Potassium dihydrogen phosphate (in g)	0.25
Magnesium sulphate (in g)	0.05
Bromothymol blue (in g)	0.12
Polymyxin B Sulphate (in mg)	13
Egg yolk (in ml)	10
Sodium chloride solution (in ml)	40
Agar	14

*Adjusted as required to meet performance standards

Controlli di qualita' microbiologici

The microbial performance test is carried out in conformity with the requirements of DIN EN ISO 11133.

Productivity

Incubation conditions: 21 ± 3 to 44 ± 4 hours at 37 ± 1 ° C; Inoculum Concentration: 80 - 120 CFU

Organism	Test strain	Specification	Colony morphology
Bacillus cereus	ATCC 11778 / WDCM 00001	50 – 130 %	Turquoise blue colonies with precipitate courtyard

Selectivity

Incubation conditions: 44 ± 4 hours at 37 ± 1 ° C; Inoculum Concentration: 10.000 - 1.000.000 CFU

Organism	Test strain	Specification	Colony morphology
Escherichia coli	ATCC 8739 / WDCM 00012	Complete inhibition	-

Specificity

Incubation conditions: 44 ± 4 hours at 37 ± 1 ° C; Inoculum Concentration: 10.00 - 10.000 CFU

Organism	Test strain	Specification	Colony morphology
Bacillus subtilis	ATCC 6633 / WDCM 00003	Normal growth	White colonies without precipitate

Microbial Contamination

Incubation conditions: 5 – 7 Tage at 20 – 25 °C and 5 – 7 Tage at 30 – 35 °C

Specification

No microbial contamination